

# The Groundplane



ARRL Member  
Club Since 1974



## April SBARA Meeting Announcement

If you do not have an HF station you might wonder what is the difference between 'hooking up' my VHF/UHF equipment and a HF rig. If you would like to know what it takes to put an HF rig on the air, be sure to come to the April SBARA meeting to get your answer.

Bernhard Hailer DL4MHK/AE6YN will lead us through the steps with a 'hands on' demonstration using two stations and giving you a chance to communicate between two HF rigs after setting them up.

If you are already on HF come and help Bernhard with the demonstration.

See you at Hurricane Electric on the 11th.



### Special Points of Interest....

- Jim Wood  
KE6IVA— SK
- Happenings
- Zucchini Festival
- Ride Along
- 20KHz Results



### James F. Wood — KE6IVA (SK)

Dec. 28, 1931-  
March 24,  
2009

Jim passed away peacefully at home after battling leukemia since Nov. 07, 2009.

Jim held many positions while a member of SBARA. He was our Treasurer, Quartermaster, Field Day organizer

and simply Jim.

He was an active member of the Niles Canyon Railroad and enjoyed the Christmas Light train through Sunol.

He will be missed by all of us!

73 Jim.

Bill, WB9YVM  
Editor

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# The Groundplane

## Attention CERT Trained Ham Radio Ops

There is a newly created forum for Fremont CERT members that can be a valuable communications tool, but it requires that as many CERT Hams join as possible. Please consider joining the Fremont CERT group on Bigtent.com, then join the ham radio sub group. See the Moderators invitation below my signature.

Thank you  
Jeffrey Koger, WO6U  
(510) 693-6736  
[WO6U@ARRL.NET](mailto:WO6U@ARRL.NET)

Any CERT members interested in HAM radio should please join the Fremont CERT HAM radio sub-group, on the Fremont CERT Network.

Fremont CERT Network: CERT members and anyone who has partially completed CERT six-week training program, can join the Fremont CERT Network, here:  
[www.bigtent.com/groups/fremontcert](http://www.bigtent.com/groups/fremontcert)

Fremont CERT HAM radio: And if you already belong to Fremont CERT Network, you can join the Fremont CERT HAM radio sub-group, here:  
--> Click the "my groups" link at the top of the page and click Join

- or -

Go to Fremont CERT Network, here:  
[https://www.bigtent.com/group/buzz?group\\_handle=fremontcert](https://www.bigtent.com/group/buzz?group_handle=fremontcert)

Then join the sub-group here:  
<https://www.bigtent.com/group/subgroup>

Click Join

Questions about Fremont CERT HAM radio? Please contact me, or email jim at [jim@bayareaadvisor.com](mailto:jim@bayareaadvisor.com)

Thanks,  
Philippa  
[fremont.blockwatch.network@gmail.com](mailto:fremont.blockwatch.network@gmail.com)

### FROM OUR GOOD FRIEND JIM WOOD KE6IVA (SK)

Jim's collection of QST magazines have been donated to SBARA for any member who wants them. If you do not regularly get QST this is a good opportunity to acquire a collection of great amateur radio articles.

The collection will be displayed at the April 10th SBARA meeting for anyone to take what they want. If you want the entire collection contact Al Rendon at 510 656-2427 or by e-mail at [wt6k@arrl.net](mailto:wt6k@arrl.net) before April 10, 2009.

# The Groundplane

## Fremont Freewheelers Bike Club



**"Fremont Freewheelers Bike Club SBARA to assist with Primavera."**

**Have you volunteered yet?**

SBARA membership has once again responded to the call for amateur radio support for the Fremont Freewheelers Primavera Bicycle Ride on Sunday, April 19th. Tony Flusche AB6BR, the SBARA – FFW contact announced that the response has been gratifying. Volunteers are still being accepted for the openings that remain, so contact Tony [TonyF@att.net](mailto:TonyF@att.net) if you have been waiting to sign up. This year the SBARA SAG drivers are inviting SBARA members who may not want to volunteer but are interested in going along for the ride to join them as they drive the course and support the riders. It is a good way to have some fun while they do their job. Limited seats in the SAG vehicles are

available so if interested contact Al Rendon at [wt6k@arrl.net](mailto:wt6k@arrl.net) to reserve your seat.

SBARA has been asked to provide radio support for the Primavera bicycle Ride on Sunday April 19, 2009. The bike ride starts and ends at Logan High School in Union City, travels south to Ed Levin Park, East/North up Calaveras Rd to Sunol, East through southern Pleasanton and Livermore to the top of the Altamontpass then west back through central Livermore and Pleasanton, over the Dublingrade next to 580, south down Palomares Rd. to Niles Canyon and back to Logan High School.

There are options for rides of 25,40,60 and 100 miles. We need to cover 5 aid stations, plus net control and as many SAG vehicles as possible, up to 17. The most important SAG areas to cover with Ham Radio are Calaveras Rd and Palomares Canyon as cell phones do not work there. An HT with any outside the car antenna will work for SAG. An HT with a rubber ducky and 11 hours of battery will suffice at all the aid stations. We will be using the 147.045+ repeater on Sunol ridge. Except in the area of Ed Levin where we will use W6MLB 145.43-

Morning only or afternoon only shifts are available. Contact Tony Flusche at: [TonyF@att.net](mailto:TonyF@att.net) or you may call him at: 510-247-3220.

## April Ham Radio Happenings

**Apr 1 - 1st Annual SBARA 20kHz Contest**

**Apr 4 - AmTech Day - 8AM - 8PM - Stanford Linear Accelerator** (<http://www.fars.k6ya.org/amtechday/>)

**Apr 4 - Fremont Hunt 6PM.** Talk-in WA6PWW 147.015+ PL 103.5. Rich KN6FW will be the fox. Should be an easy hunt. For directions or more info please call Rich KN6FW at 925-462-1467.

**Apr 11 - TESA Emergency Preparedness Fair - 8AM - NOON** Ohlone Newark Campus

**Apr 11 - Electronics Flea Market @ DeAnza - 5AM - NOON - DeAnza College**

**Apr 18 - Ham Cram - 8AM - 4PM - Washington Hospital West, Fremont**

## SBARA Meeting Location

Our meeting location is at Hurricane Electric. The address in Fremont is:

760 Mission Court — Come to the meeting. Bring your HF transceiver (and antenna) or HT !

Talk-In 147.015Mhz. +600

Also consider joining us at Wok City Diner for Dinner at 6PM - mingle with your fellow SBARA members!!!!

# The Groundplane

## Additional CERT News

Tuesday, May 12th. Centerville is hosting a **continuing education class on utility control and fire suppression**. Class will be at CERT Central, 3300 Capitol Ave., south-east corner.

We are planning a **paint party** in the late April, early May time frame. Watch your future e-mails for details.

Saturday, June 27th. Our **annual family picnic** is back. Location will be Lake Elizabeth, by the Senior Center, starting at 11:00 am. More details to come.

**Special Skills Drill...** will be on Saturday, July 25th. Stay tuned to future e-mails for more detail.

We will be having a booth at this years Fremont **Art & Wine Festival**. We want to reach as many people as possible about our programs and utility control. If you are interested in helping please let us know.

October. Centerville will be hosting a **CPR/First Aid** class. Class space will be limited. At this time we do not have a firm date. As soon as we do we will let you know.

Don't forget to tell your friends, co-workers, and neighbors about our **PEP classes**. Check the schedule for dates and times. If you are interested in having a PEP class at your church, homeowners association, etc. please contact Chuck at [guaragliac@comcast.net](mailto:guaragliac@comcast.net).

## 2009 Hayward Zucchini Festival

**2009 HAYWARD ZUCCHINI FESTIVAL**  
The call is going out for SBARA members to once again volunteer at the Hayward Zucchini Festival on August 15th and 16th. Again this year, for every shift you work your name will be put into a 'thank you' drawing. Also, every shift you work earns SBARA money to help continue with all our programs.

If you are interested in bringing the entire family, Mike Fung WA6AWI will provide a family pass for any SBARA member who signs up for a

shift. If you haven't participated in the past give it a try this year. The festival is close by in Hayward and takes only a few hours of your time. The benefit is enormous for SBARA. Go to [www.sbara.org](http://www.sbara.org) and click on the flashing 'Hayward Zucchini Festival' in the menu bar for map to Kennedy Park. For signing up or if you have any questions, contact Mike Fung WA6AWI at (510) 471-4371 or by e-mail at [mxfo@aol.com](mailto:mxfo@aol.com) or Al Rendon at (510) 656-2427 by e-mail at [wt6k@arrl.net](mailto:wt6k@arrl.net). You can sign up at any SBARA meeting between now and



# The Groundplane

**ANAHEIM, CA**  
(Near Disneyland)  
933 N. Euclid St., #2801  
(714) 533-7373  
(800) 854-6046  
Janet, KL7MF, Mgr.  
anaham@hamradio.com

**BURBANK, CA**  
1525 W. Magnolia Blvd., #1506  
(818) 842-1796  
(800) 854-6046  
Eric, K8EJC, Mgr.  
Magnolia bobson  
5 Victory & Buena Vista  
burban@hamradio.com

**OAKLAND, CA**  
2210 Livingston St., #4606  
(510) 534-5757  
(800) 854-6046  
Mark, W7YNN, Mgr.  
I-880 at 23rd Ave. ramp  
oakland@hamradio.com

**SAN DIEGO, CA**  
5375 Kaumy Villa Rd., #2123  
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Tom, K6WIK, Mgr.  
Hwy. 163 & Clairemont Mesa  
sanid@hamradio.com

**SUNNYVALE, CA**  
510 Lawrence Exp. #102, #4085  
(408) 736-9496  
(800) 854-6046  
Dan, K6DN, Mgr.  
So. from Hwy. 101  
sunnyvale@hamradio.com

**NEW CASTLE, DE**  
(Near Philadelphia)  
1509 N. Dupont Hwy., 19720  
(302) 322-7092  
(800) 644-4476  
Rick, K3TL, Mgr.  
RT.13 1/4 mi. So. I-295  
newcastle@hamradio.com

**PORTLAND, OR**  
11705 S.W. Pacific Hwy.  
97228  
(503) 589-0555  
(800) 854-6046  
Leon, W7AD, Mgr.  
Tigard-90W exit  
from Hwy. 5 & 217  
portland@hamradio.com

**DENVER, CO**  
8400 E. 18th Ave., #9, 80231  
(303) 745-7373  
(800) 444-9476  
John, N5EHP, Mgr.  
denver@hamradio.com

**PHOENIX, AZ**  
1930 W. Darnlip Ave., #5021  
(602) 242-3515  
(800) 444-9476  
Gary, N7GL, Mgr.  
1 mi. east of I-17  
phoenix@hamradio.com

**ATLANTA, GA**  
6071 Buford Hwy., 30340  
(770) 263-0700  
(800) 444-7927  
Mark, KJ4V D, Mgr.  
Doraville, 1 mi. no. of I-285  
atlanta@hamradio.com

**WOODBRIDGE, VA**  
(Near Washington D.C.)  
14908 Bullitt America Dr. 22191  
(703) 543-1053  
(800) 444-4799  
Steve, W4BHG, Mgr.  
Exit 161, I-95, So. to US 1  
woodbridge@hamradio.com

**SALEM, NH**  
(Near Boston)  
224 N. Broadway, 03079  
(603) 898-3750  
(800) 444-0847  
Chuck, N1UC, Mgr.  
sales@hamradio.com  
Exit 1, I-93  
28 mi. No. of Boston  
salem@hamradio.com

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#### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 5M, 2M • 50W 70CM
- 10W 1.2 GHz w/ opt UT-20 module
- Built-in TNC, DX packet cluster
- IF Stage DCF • Backlit Front Key Panel

Call Now For Special Price!



#### TH-F6A

- 2M/220/440
- Dual Channel Receive
- 1 - 1300 mhz (all blocked) Rx
- FM, AM, SSB
- Sw 2M/220/440 TX, FM
- 435 Memories
- Li-Ion Battery

Call For Low Price!



#### TM-D710A 2M/440 Dualband

- 50w 2M & UHF
- Optional Voice synthesizer
- 1000 memories • Dual receive
- Advanced APRS Features
- Echolink® Ready w/ 10 memories
- Built-in TNC • Sky Command II+
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Call Now For Special Introductory Price!

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### YAESU

#### VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internal WIRES compatible

Great Price!



### OAKLAND, CA

2210 Livingston St., #4606  
(510) 534-5757  
(800) 854-6046  
Mark, W7YNN, Mgr.  
I-880 at 23rd Ave. ramp  
oakland@hamradio.com

### SUNNYVALE, CA

510 Lawrence Exp. #102, #4085  
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Dan, K6DN, Mgr.  
So. from Hwy. 101  
sunnyvale@hamradio.com

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#### IC-706MKIIG HF/VHF Transceiver

- All mode HF/5M/2M/70CM
- 100W HF/5M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters • No Soldering
- Easy-to-Navigate menus

Low Pricing!



#### IC-756 PRO III All mode Transceiver

- 150-5W @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/AM Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!



#### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alpha numeric display
- CTCSS + DCS built in
- "B" meter
- Auto Dialer

Low Pricing!



#### DR-135TP 2M mobile

- 50Watt out • Alpha numeric display
- 100 memo • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS In • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!



#### FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/5M, 50w 2M, 20w UHF
- DSP Included • 32 color display
- 200 memo • Detachable front panel

(126-057 required)

Call for Low Price!



#### FT-2000 HF + 6M trans

- 100W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 5 Band Parametric Mic EQ
- 5 IF roofing filters

Call Now For Low Pricing!

# The Groundplane

## Pacificon 2009

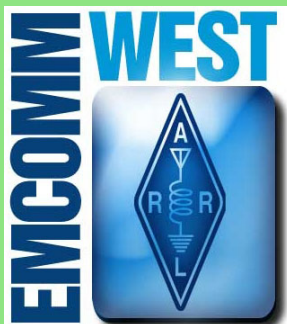
*On May 1, 2, and 3, PACIFICON 2009, the Pacific Division Convention, will be held with Emcommwest in Reno, Nevada.* The convention will take place at Circus Circus Hotel, with lots to do and see. Our keynote speaker from the ARRL will be Field Organization Supervisor Steve Ewald, WV1X, and on Saturday night our special guest speaker will be Riley Hollingsworth, K4ZDH, formerly of the FCC. This is one evening you don't want to miss, but we are filling up and seating is limited—so hurry and register now! Advance registration is only \$10, but will be \$15 at the door, and ADVANCE REGISTRATION ENDS APRIL 22nd. The vendor hall has been expanded and features a host of great products and services from the latest gear and rigs to antennas, books, badges, jewelry, and much more!

Led by HRO, Icom, and Yaesu, many of your favorite vendors will be there! Our Saturday morning "Reno Ham Swap" is FREE to all sellers (just bring your tables and chairs and you're set). The swap will be in the hotel's parking lot right across the street at 6th and Sierra with setup after 6am and selling begins at 7am. Then at Midnight Saturday night, don't miss out on the mysterious but always fun, "WOUFF-HONG Ceremony this year! Plus, YOU COULD WIN SOME GREAT PRIZES - like radios, H/Ts, antennas,

gear, gift certificates, go-kits and supplies; and lots more in our raffles going on all weekend! Our special event station, N7V, will be operating from the swap site all day, so come operate, visit or make a contact, and collect our special QSL card. All information and registration details can be found on our website at <http://www.emcommwest.org/>.

Questions? email [info@emcommwest.org](mailto:info@emcommwest.org). Come and enjoy a fun-filled weekend in "The Biggest Little City In The World" at EMCOMMWEST /PACIFICON 2009!

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ARRL Pacific Division  
Director: Robert Vallio, W6RGG  
[w6rgg@arrl.org](mailto:w6rgg@arrl.org)  
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# The Groundplane

## Come and Ride Along With Us

GROUP OF SBARA VOLUNTEERS TO SUPPORT 2009 PRIMAVERA BICYCLE EVENT. YOU ARE INVITED TO RIDE ALONG IN ONE OF THE SUPPORT VEHICLES, JUST FOR THE RIDE!

SBARA membership has once again responded to the call for amateur radio support for the Fremont Freewheelers Primavera Bicycle Ride on Sunday, April 19th. Tony Flusche AB6BR, the SBARA – FFW contact announced that the response has been gratifying.

But here is a new twist; This year the SBARA SAG(support) vehicle drivers are inviting SBARA members who may not

want to volunteer but who might be interested in going along for the ride to join them as they drive the course and support the bicycle riders. It is a good way to have some fun and give them company while they do their job. Limited seats in the SAG vehicles are available for both morning and afternoon time slots.

To reserve your seat contact Al Rendon at [wt6k@arrl.net](mailto:wt6k@arrl.net) OR contact:

Tony Flusche AB6BR at [TonyF@att.net](mailto:TonyF@att.net).

### SBARA 1st Annual 20Khz Contest

**Don—N6DA Reports that conditions were not too bad this year. He did manage to work the following stations!!**

2 collies, a Doberman  
and 3 huskies.

Hope the sunspots improve for next year's contest.

**Hey Don? Hope you got Barking Signal Reports!!!**

# The Groundplane

## Ham License Cram Class

Saturday, April 18th, **Ham Cram Course**. Been thinking about getting your ham radio license? There will be 2-cram classes offered this year; April 18th and October 17th; both are on a Saturday at 2500 Mowry, Washington Hospital West. Pre-registration is required. The cost of a cram class is \$30 and takes about 8-hours; the license is good for 10-years. Please see the attached flyer for registration details.

South Bay Amateur Radio  
Association  
Founded 1974  
Mailing Address  
Box 8401  
Fremont, Ca. 94537-8401  
Web Site — [www.sbara.org](http://www.sbara.org)

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**Newsletter Editor**  
Bill Artelt, WB9YVM  
**Webmaster**  
Umesh Ghodke, K6VUG  
**Quartermaster**  
Jim Wood, KE6IVA  
**Program Facilitator**

### Fremont Repeaters & Net Information

|          |                           |
|----------|---------------------------|
| WA6PWW - | 147.015 +600Khz, PL 103.5 |
| WA6PWW - | 223.900 -500Khz, PL 107.2 |
| WA6PWW - | 442.600 +5Mhz, PL 107.2   |
| K6AIR -  | 146.940 -600Khz, PL 123.0 |
| K6AIR -  | 441.525 +5Mhz, PL 123.0   |
| ARES -   | Tuesday @ 7:30pm -        |
|          | 147.015 + PL 103.5        |

The **South Bay Amateur Radio Association** is a general interest amateur radio club serving the Fremont Tri-City area. The club has been in existence since 1974, and has functioned continuously ever since. We are an ARRL Special Service Club, a California not-for-profit tax exempt organization as specified in IRS Statutes. We sponsor training for new hams, license

examination sessions, and participate in various public service events. If you have a specialized amateur radio interest, chances are you can share it with one or more of our club members.

SBARA meets on the 2nd Friday of every month at Hurricane Electric in Fremont, California. The meeting begins at 7:30 PM. After conducting business, coffee

and snacks are served while we socialize. Following the break, a program of interest will be presented. All persons interested in amateur radio are invited to attend. Families are welcome. We hope to see you there!



# The Groundplane



## Announcements

SBARA's monthly meeting is  
April 10th. Starting at 7:30pm

Our meeting location is at Hurricane  
Electric. The address in Fremont is:  
**760 Mission Court** — Come to the  
meeting and bring your HT !!

Talk-In 147.015Mhz. +600

**Come and join us for dinner at  
Wok City Diner at 6PM !!**

The Ground Plane — KU6S  
<http://www.sbara.org>  
South Bay Amateur Radio Association — SBARA  
P.O. Box 8401  
Fremont, Ca. 94537-8401